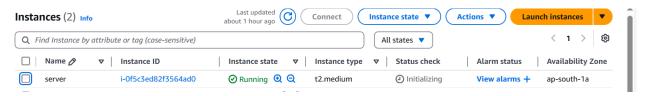
How to Create Docker Image and run a container using Dockerfile

1.Launch EC2 instance



2. Connect to EC2 Instance:

Before you connect to your EC2 instance you must start your EC2 instance. Goto your AWS EC2 dashboard and click on **EC2** after that click on **Instances(running)**.

3. Install Docker on AWS EC2 Instance:

The next requirement is we need to install Docker on the EC2 instance.

Now before we do the DOCKER installation lets first update the package manager of the virtual machine -

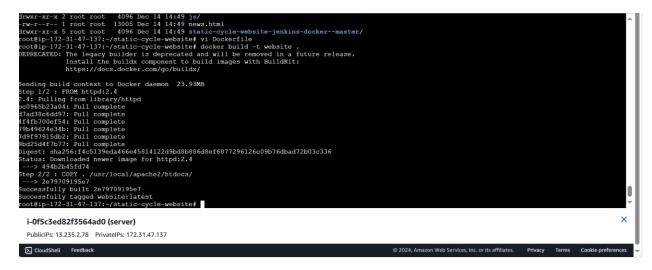
sudo apt-get update

sudo apt install docker.io

4. Create a folder named dockerfile.



5. Now, build a Docker Image using the docker build command.



docker build -t website.

6. Let's verify the Docker Image by running the following command.

docker images

root@1p-1/2	root@1p-1/2-31-4/-13/:~# docker 1mages					
REPOSITORY		TAG	IMAGE ID	CREATED	SIZE	
vanisrimuddis	shetty/cyclewebsite	latest	2514d88c4730	15 hours ago	171MB	
cyclewebsite		latest	2514d88c4730	15 hours ago	171MB	
static-websit	te	latest	2514d88c4730	15 hours ago	171MB	
websiteimage		latest	3af7d3da8bfe	16 hours ago	171ME	
website		latest	2e79709195e7	16 hours ago	171ME	

Verifying the docker image

Now, it's time to check if Docker Image is successfully working by running a container and verifying all the Dockerfile commands inside the container.

docker run -it -d --name Conta -p 94:80 vanisrimuddishetty/static-website

Great, you will notice that the commands declared in Dockerfile are executed in the below snap. The new docker Image was created successfully, which further you tested by launching a docker container.

FINAL OUTPUT:

